

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050108670").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/31 13:30
S2	1	("6232639").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/31 13:52
S3	5809	(modify\$4 or adjust\$6) same placement same (block or circuit or cell or module or logic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:39
S4	3583	(modify\$4 or adjust\$6) same placement same ((block near5 circuit) or cell or module or logic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/31 13:55
S5	46	(modify\$4 or adjust\$6) same placement same ((block near5 circuit))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/01 07:17
S6	1	(modify\$4 or adjust\$6) same placement same ((block near5 circuit)) same densit\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/31 13:56
S7	113	(modify\$4 or adjust\$6) same placement same (block or circuit or cell or module or logic) same densit\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/31 13:56
S8	1	(modify\$4 or adjust\$6) same placement same (block or circuit or cell or module or logic) same densit\$4 same (latch-up or latchup)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/31 13:57
S9	6	(modify\$4 or adjust\$6) same placement same (block or circuit or cell or module or logic) same densit\$4 and (latch-up or latchup)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/31 14:05
S10	6	S9 and density and (latch-up or latchup)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 15:50
S11	9	("5901065").URPN.	USPAT	OR	ON	2005/08/31 14:31
S12	12	("4783749" "4847672" "5051917" "5666288" "5677241" "5691565" "5757691" "5856703" "5901065" "5932490" "5953518" "5981397").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/31 14:49
S13	1	("6075934").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/31 14:50
S14	1	(global adj (latch-up or latchup)) and placement and distance and (inject\$5 near10 source)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/31 14:58
S15	1	(global adj (latch-up or latchup)) and placement and distance	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/31 14:58

S16	1	(global adj (latch-up or latchup)) and placement	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/31 14:58
S17	61	((latch-up or latchup)) and placement and (inject\$5 same source)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:36
S18	42	((latch-up or latchup)) and placement and (inject\$5 same source) and (cost near15 factor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/31 15:00
S19	1	((latch-up or latchup)) and placement and (inject\$5 same source) and (cost near15 factor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/31 15:00
S20	37	((latch-up or latchup)) and placement and (inject\$5 same source) and (factor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/31 15:01
S21	23	((latch-up or latchup)) and placement and (inject\$5 same source) and (factor) and densit\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/31 15:01
S22	22	((latch-up or latchup)) and placement and (inject\$5 same source) and (factor) and densit\$5 and (space or distan\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/31 15:01
S23	29	placement same ((block near5 circuit))same densit\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/01 07:18
S24	9	S23 and paramet\$7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/01 07:40
S25	3	(placement with circuit with function).ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/01 07:41
S26	6	(modify\$4 or adjust\$6) same placement same (block or circuit or cell or module or logic) same densit\$4 and (latch-up or latchup)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:05
S27	6	S26 and density and (latch-up or latchup)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 15:50
S28	6	S27 and (modify\$4 or adjust\$6) and placement and (block or circuit or cell or module or logic) and densit\$4 and (latch-up or latchup)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 15:55
S29	1	S28 and inject\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 15:58
S30	5	S28 and temperature	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 15:58

S31	6	S28 and power	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 16:01
S32	1	(modify\$4 or adjust\$6) same placement same (block or circuit or cell or module or logic) same densit\$4 same (latch-up or latchup)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 16:05
S33	1	(modify\$4 or adjust\$6) same placement same (block or circuit or cell or module or logic) same densit\$4 same (latch-up or latchup or ESD)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 16:05
S34	1	(modify\$4 or adjust\$6) same placement same (block or circuit or cell or module or logic) same densit\$4 same (latch\$7 or ESD)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 16:06
S35	30	placement same (block or circuit or cell or module or logic) same densit\$4 and (latch-up or latchup)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:02
S36	12	placement same (block or circuit or cell or module or logic) same densit\$4 and (latch-up or latchup) and "716"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:04
S37	1	(placement same (latchup or latch-up)).ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:05
S38	348	((latchup or latch-up)).ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:05
S39	1	S38 and (modify\$4 or adjust\$6) same placement same (block or circuit or cell or module or logic) same densit\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:05
S40	1	S38 and (modify\$4 or adjust\$6) same placement same densit\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:05
S41	6	S38 and (modify\$4 or adjust\$6) same densit\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/17 16:31
S42	1	("6553542").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/16 17:38
S43	15	latchup adj sensitivity	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:40
S44	0	calculat\$3 with latchup adj sensitivity	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:40
S45	0	calculat\$3 same latchup adj sensitivity	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:40

S46	0	latchup adj sensitivity same value	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:41
S47	1	latchup adj sensitivity same magnitude	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:41
S48	0	latch-up adj sensitivity same magnitude	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/16 17:41
S49	1	("6451672").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/16 17:50
S50	9637	density near4 parameter	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/17 14:58
S51	13	(density near4 parameter) and placement and (latchup or latch-up)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/17 14:59
S52	5	(density near4 parameter) and ((modif\$7 or adjust\$7 or correct\$5) with placement) and (latchup or latch-up)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/17 16:05
S53	1	(density near4 parameter) and ((modif\$7 or adjust\$7 or correct\$5) with placement) same(latchup or latch-up)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/17 15:00
S54	6	(density near4 parameter) and ((modif\$7 or adjust\$7 or correct\$5) with layout) and (latchup or latch-up)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/17 16:09
S55	30	(density) and ((modif\$7 or adjust\$7 or correct\$5) with placement) and (latchup or latch-up)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/17 16:09
S56	348	((latchup or latch-up)).ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/17 16:31
S57	3	S56 and (modify\$4 or adjust\$6) same densit\$4 and latchup	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/17 16:31
S58	3	S56 and (modify\$4 or adjust\$6) same densit\$4 and latchup and overshoot\$4 and undershoot\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/17 16:32
S59	3	S56 and (modify\$4 or adjust\$6) same densit\$4 and latchup and overshoot\$4 and undershoot\$4 and densit\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/17 16:34
S60	1	S56 and (modify\$4 or adjust\$6) same (layout or lay-out or placement or floorplan or floor-plan) and latchup and overshoot\$4 and undershoot\$4 and densit\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/17 16:35

S61	1	(modify\$4 or adjust\$6) same (layout or lay-out or placement or floorplan or floor-plan) and latchup and overshoot\$4 and undershoot\$4 and densit\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/17 16:35
S62	3	(modify\$4 or adjust\$6 or correct\$4 or chang\$5 or optimiz\$6) same (layout or lay-out or placement or floorplan or floor-plan) and latchup and overshoot\$4 and undershoot\$4 and densit\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:01
S63	24461	(cross-talk or crosstalk or noise) with capacitor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:01
S64	598	((cross-talk or crosstalk or noise) with capacitor) same density	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:02
S65	10	((cross-talk or crosstalk or noise) with capacitor) same density same (layout or placement)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:03
S66	0	((cross-talk or crosstalk or noise) with capacitor) same density same (layout or placement) and (overshoot)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:03
S67	25	((cross-talk or crosstalk or noise) with capacitor) same density and (overshoot)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:03
S68	4	((cross-talk or crosstalk or noise) with capacitor) same density and (overshoot) and undershoot	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:03
S69	4	((cross-talk or crosstalk or noise) with capacitor) same density and (overshoot) and undershoot and (layout or placement)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:04
S70	54	((cross-talk or crosstalk or noise) with capacitor) and density and (overshoot) and undershoot and (layout or placement)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:04
S71	0	((cross-talk or crosstalk or noise) with capacitor) and density and (overshoot) and undershoot and ((layout or placement) same (change or adjust\$3 or modif\$6))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:05
S72	22	((cross-talk or crosstalk or noise) with capacitor) and density and (overshoot) and undershoot and (layout or placement) and (latchup or latch-up or ESD)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:07

S73	2	((cross-talk or crosstalk or noise) with capacitor) and density and (overshoot) and undershoot and (layout or placement) and (latchup or latch-up)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:07
S74	1	(modify\$4 or adjust\$6 or change) same (placement or layout) same ((NFET or PFET or PNP) with density) and latchup	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:41
S75	1	(modify\$4 or adjust\$6 or change) same (placement or layout) same ((NFET or PFET or PNP) with density)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:41
S76	43	(modify\$4 or adjust\$6 or change) same (placement or layout) same ((NFET or PFET or PNP))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:41
S77	1	(modify\$4 or adjust\$6 or change) same (placement or layout) same ((NFET or PFET or PNP)) same density	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:42
S78	20	(modify\$4 or adjust\$6 or change) same (placement or layout) same ((NFET or PFET or PNP)) and density	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 10:34
S79	4	(modify\$4 or adjust\$6 or change) same (placement or layout) same ((NFET or PFET or PNP)) and density and latch-up	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:42
S80	5	(modify\$4 or adjust\$6 or change) same (placement or layout) same ((NFET or PFET or PNP)) and density and (latch-up or latchup)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 07:44
S81	105	(placement or layout) and (NFET or PFET or PNP) and density and (latch-up or latchup)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:30
S82	0	(placement or layout) and (NFET or PFET or PNP) and density and (latch-up or latchup) and ((crosstalk or crosstalk) same capacitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:31
S83	0	(placement or layout) and (NFET or PFET or PNP) and density and (latch-up or latchup) and ((crosstalk or crosstalk) same capacitance)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:32
S84	0	(placement or layout) and (NFET or PFET or PNP) and density and (latch-up or latchup) and ((crosstalk or cross-talk) same capacitance)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:32
S85	1	(placement or layout) and (NFET or PFET or PNP) and density and (latch-up or latchup) and ((decoupl\$4) same capacitance)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:32

S86	14	(placement or layout) and (NFET or PFET or PNP) and density and (latch-up or latchup) and ((coupl\$4) same capacitance)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:35
S87	1	(placement or layout) and (NFET or PFET or PNP) and density and (latch-up or latchup) and ((coupl\$4) same capacitance same latchup)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:33
S88	1	(placement or layout) and (NFET or PFET or PNP) and density and (latch-up or latchup) and ((coupl\$4) same capacitance same latch-up)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:33
S89	160	(placement or layout) and density and (latch-up or latchup) and (coupl\$4 same capacitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:35
S90	13	(placement or layout) same density and (latch-up or latchup) and (coupl\$4 same capacitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:39
S91	9	(placement or layout) same density and (latch-up or latchup) and (decoupl\$4 same capacitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:41
S92	8	(placement or layout) same density and ((latch-up or latchup) same (decoupl\$4 same capacitor))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:43
S93	1	(placement or layout) same density same((latch-up or latchup) same (decoupl\$4 same capacitor))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:43
S94	1	(placement or layout) same density and (latch-up or latchup) same (decoupl\$4 same capacitor) and (PNP or NFET or PFET)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:44
S95	1	(placement or layout) same density and (latch-up or latchup) same (decoupl\$4 same capacitor) and overshoot	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:45
S96	1	((modif\$6 or chang\$5 or correct\$4 or adjust\$5 or optimiz\$4) same (placement or layout) same density) and (latch-up or latchup) same (decoupl\$4 same capacitor) and overshoot	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:46
S97	2757	((modif\$6 or chang\$5 or correct\$4 or adjust\$5 or optimiz\$4) same (placement or layout) same density)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:46
S98	37	((modif\$6 or chang\$5 or correct\$4 or adjust\$5 or optimiz\$4) same (placement or layout) same density) and (latch-up or latchup)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:46

S99	2	((modif\$6 or chang\$5 or correct\$4 or adjust\$5 or optimiz\$4) same (placement or layout) same density) and (latch-up or latchup) and (overshoot or undershoot)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:51
S100	1	((modif\$6 or chang\$5 or correct\$4 or adjust\$5 or optimiz\$4) same (placement or layout) same density) and (latch-up or latchup) and (overshoot and undershoot)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:47
S101	11	((modif\$6 or chang\$5 or correct\$4 or adjust\$5 or optimiz\$4) with (placement or layout) same density) and (overshoot or undershoot)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:52
S102	1225	((modif\$6 or chang\$5 or correct\$4 or adjust\$5 or optimiz\$4) with (placement or layout) same density)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:52
S103	232	((modif\$6 or chang\$5 or correct\$4 or adjust\$5 or optimiz\$4) with (placement or layout) same density) and "716"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:56
S104	22307	(eliminat\$5 or avoid\$5 or prevent\$4 or remov\$4) with (latching or latchup\$4 or latch-up\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:54
S105	104	(eliminat\$5 or avoid\$5 or prevent\$4 or remov\$4) with (latching or latchup\$4 or latch-up\$4) and undershoot and overshoot	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:55
S106	6	(eliminat\$5 or avoid\$5 or prevent\$4 or remov\$4) with (latching or latchup\$4 or latch-up\$4) and undershoot and overshoot and (decoupl\$4 adj capacitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 09:04
S107	1	(eliminat\$5 or avoid\$5 or prevent\$4 or remov\$4) with (latching or latchup\$4 or latch-up\$4) and undershoot and overshoot and (decoupl\$4 adj capacitor) and S103	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:56
S108	169	(eliminat\$5 or avoid\$5 or prevent\$4 or remov\$4) with (latching or latchup\$4 or latch-up\$4) and (decoupl\$4 adj capacitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:56
S109	1	S108 and S103	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 08:56
S110	10	S103 and (latching or latch-up or latchup)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 09:12

S11 1	169	(eliminat\$5 or avoid\$5 or prevent\$4 or remov\$4) with (latching or latchup\$4 or latch-up\$4) and (decoupl\$4 adj capacitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 09:04
S11 2	4	(eliminat\$5 or avoid\$5 or prevent\$4 or remov\$4) with (latching or latchup\$4 or latch-up\$4) same (decoupl\$4 adj capacitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 09:07
S11 3	19	(eliminat\$5 or avoid\$5 or prevent\$4 or remov\$4) with (latching or latchup\$4 or latch-up\$4) same undershoot and overshoot	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 09:11
S11 4	5	(eliminat\$5 or avoid\$5 or prevent\$4 or remov\$4) with (latching or latchup\$4 or latch-up\$4) same undershoot and overshoot and ((parasitic adj capacitor) or (decoupl\$4 adj capacitor))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 09:12
S11 5	1	S103 and (latching or latch-up or latchup) and (parasitic or decoupl\$4) adj capacitor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 09:13
S11 6	1	S103 and (latching or latch-up or latchup) and ((parasitic or decoupl\$4) adj capacitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 09:13
S11 7	2	S103 and ((parasitic or decoupl\$4) adj capacitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 09:13
S11 8	4	((("5796638") or ("6086627") or ("20020144213") or ("20020040985")).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/19 09:39
S11 9	83	latchup.ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/19 09:39